

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	15689.61	09/701,705
	Applicant(s) Yukihiko Okumura et al.	
	Filing Date	Group Art Unit
	December 1, 2000	2661

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q6	1	5,737,327	4/7/1998	Ling et al.	370	335	3/29/1996

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U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Q6	2	EP 0 715 440 A1	6/5/1996	Europe	H04L27	22	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q6	3	CHANNEL ESTIMATION FILTER USING TIME-MULTIPLEXED PILOT CHANNEL FOR COHERENT RAKE COMBINING IN DS-CDMA MOBILE RADIO Hidehiro Andoh, Mamoru Sawahashi, and Fumiyuki Adachi July 1998

EXAMINER	DATE CONSIDERED
	8/22/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

#5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket no.: 3815/107	Application serial no.: 09/701,705
	Applicants: OKUMURA, et al.	
	Filing Date: Dec. 1, 2000	Group Art Unit: 2661

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U.S. PATENT DOCUMENTS

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Exam. Init.		Document Number	Date	Country	Class	Translation
Q4	1	PCT/JP98/05241 (WO 99/27672)	June 3, 1999	PCT		
Q9	2	PCT/JP98/05727 (WO 99/31835)	June 24, 1999	PCT		
Q9	3	PCT/JP99/02154 (WO 99/55033)	Oct. 28, 1999	PCT		

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EXA M. INIT.	CITE NO.	
Q9	1	Seiichi Sampei And Terumi Sunaga, "Rayleigh Fading Compensation For QAM In Land Mobile Radio Communications," IEEE Trans. Vehicular Technol., Vol. 42, No. 2, pp. 137-147, May 1993
Q9	2	Seiichi Sampei, "Rayleigh Fading Compensation Method For 16 QAM MODEM In Digital Land Mobile Radio Systems," IEICE (Sect. B-II), Vol. J72-B-II, No. 1, pp. 7-15, January 1989
Q9	3	Hidehiro Andoh, et al., "Channel Estimation Filter Using Time-Multiplexed Pilot Channel For Coherent RAKE Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1517-1526, July 1998
Q7	4	H. Andoh, et al., "Performance of Pilot Symbols-Assisted Coherent RAKE Receiver Using Weighted Multi-Slot Averaging for DS-CDMA Mobile Radio," Technical Report of IEICE. RCS97-74, pp. 63-68, July 1997



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Q9	5	Sadayuki Abeta, et al., "Performance Comparison Between Time-Multiplexed Pilot Channel and Parallel Pilot Channel for Coherent Rake Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1417-1425, July 1998
Q9	6	Sadayuki Abeta, et al., "The Performance of Channel Estimation Method Using Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. RCS97-163, pp. 43-50, November, 1997
Q9	7	Sadayuki Abeta, et al., "DS/CDMA Coherent Detection System with a Suppressed Pilot Channel," IEEE GLOBECOM '94, pp. 1622-1626, 1994
Q9	8	Sadayuki Abeta, et al., "A Coherent Detection System With A Suppressed Pilot Channel For DS/CDMA Systems," IEICE (Sect. B-II), Vol. J77-B-II, No. 11, pp. 641-648, November 1994
Q9	9	Sadayuki Abeta, et al., "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using Time-Multiplexed Pilot and Parallel Pilot Structures," IEICE Trans. Commun., Vol. E82-B, No. 9, pp. 1505-1513, September 1999
Q9.	10	Sadayuki Abeta et al., "The Performance of Channel Estimation Method Using Adaptive Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. SSE98-20 (RCS98-20) pp. 67-74, April, 1998

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Date considered:

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